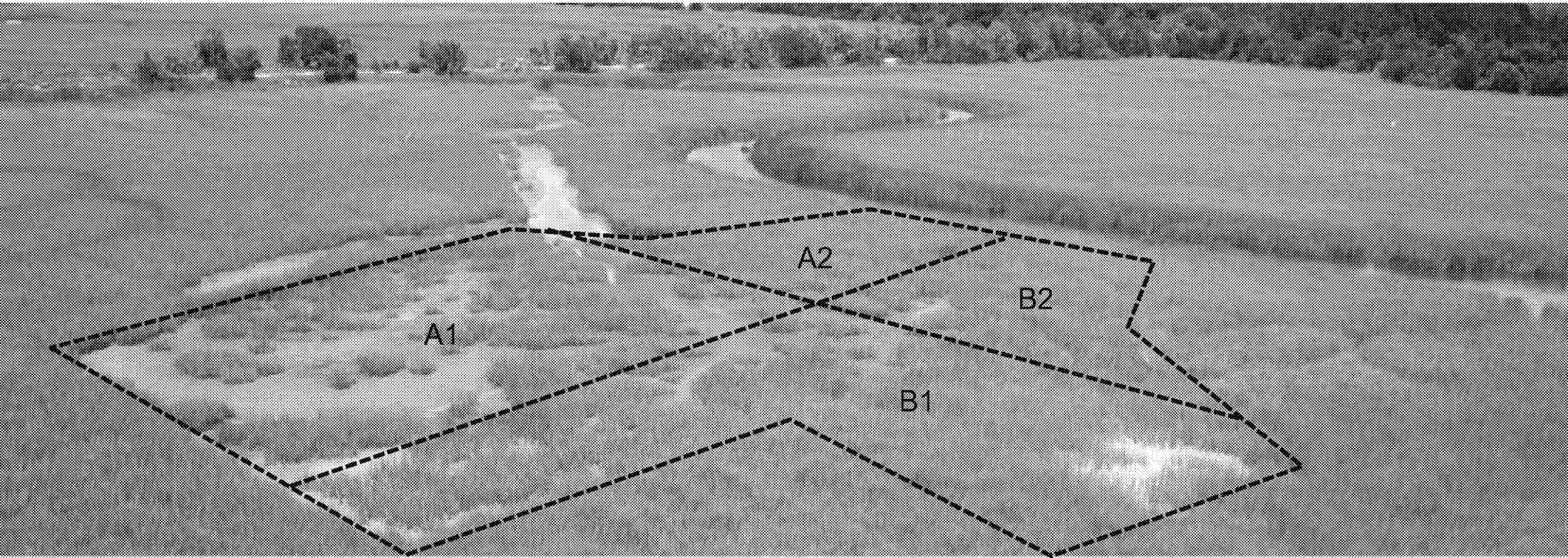


LCP BRUNSWICK DECEMBER 2020

Honeywell

MARSH PILOT STUDY: 2-YEAR MONITORING



- **2/3rd-acre parcel needing remediation**
- **Easy to access**
- **Used material from local quarries**

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THIN LAYER COVER PILOT STUDY

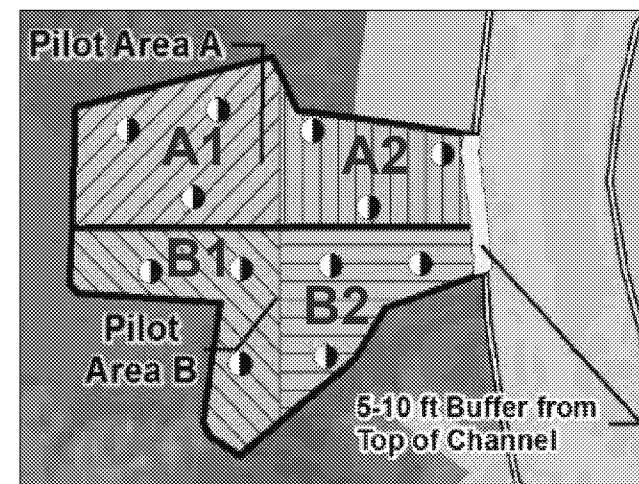
EPA requirements in OU1 ROD

Program based on EPA input started in 2018

- Multiple material types (silts and sands) and thicknesses (6-12 inches) in four quadrants

Monitoring every 6 months to evaluate:

- Recovery of vegetation
- Potential for erosion
- Sediment chemistry



	Area A		Area B	
Size	1/3 acre		1/3 acre	
Material Type	Sand/Topsoil Blend		Fine Sand	
Target Placement	A1	A2	B1	B2
	9 inches	6 inches	9 inches	6 inches

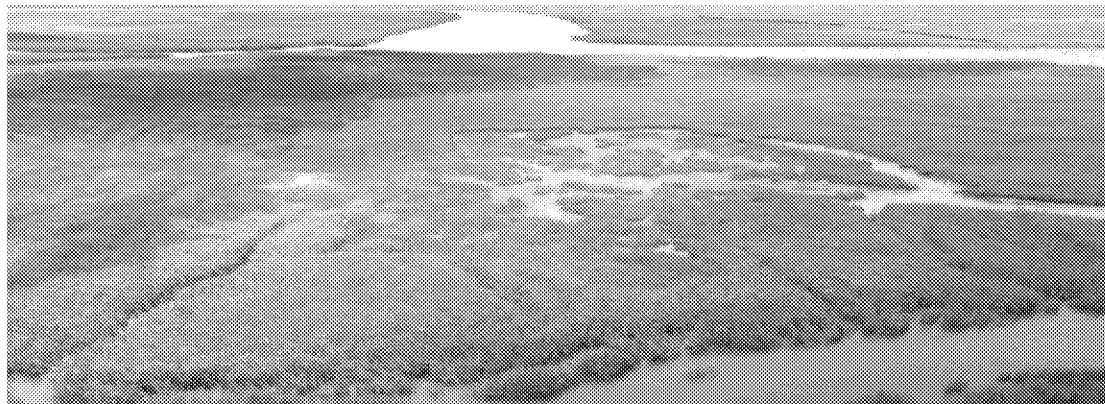
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PILOT STUDY GOALS ACHIEVED

Goals Achieved

- Vegetative regrowth strong and continues to expand as anticipated
- Marker layer at base of thin layer cover remained intact
- Confirmed burrowing depths and return of fiddler crabs
- Chemistry results in all four quadrants below EPA risk-based remedial goals

Results being incorporated into design



24-Month Assessment, June 2020



Post-Installation, April 2018



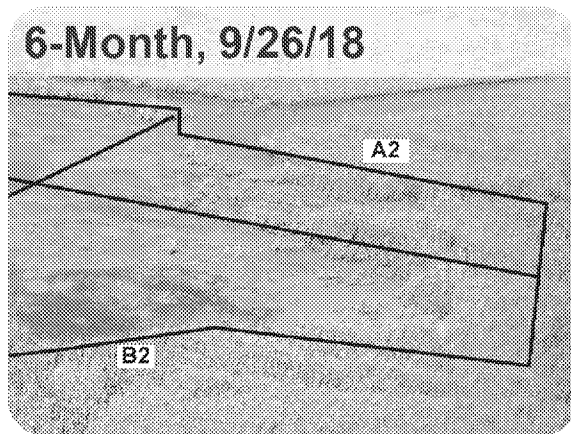
12-Month Assessment, March 2019



18-Month Assessment, November 2019

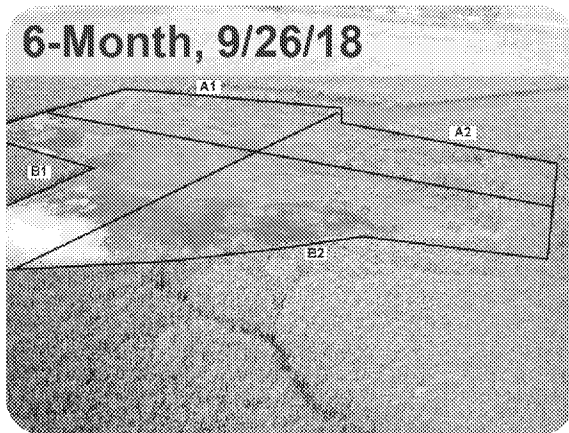
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VEGETATION REGROWTH: GRID A2



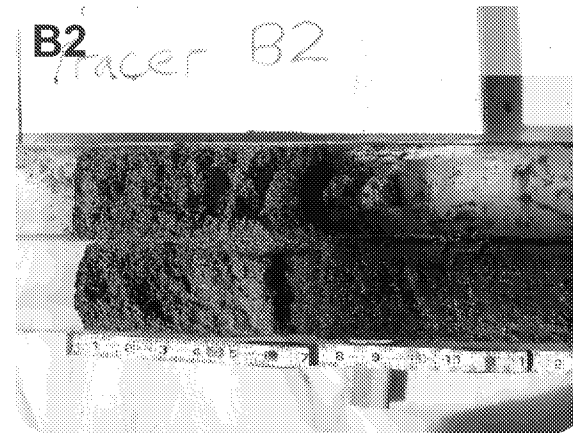
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VEGETATION REGROWTH: GRID B2



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TRACER CORES: 24 MONTHS



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SCHEDULE

Initial (50%) Design

- **Due to EPA: January 10,2021**
- **60 days of Agency review**

Pre-Final (90-95%) Design

- **180 days after EPA comments on 50% Design**
- **Estimate: ~ September 2021**

Final Construction Bid Documents

- **Estimate: ~ December 2021**

Estimated Remedy Construction Start

- **Fall 2022**